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DERWENT-ACC-NO: **1991-315831**

DERWENT-WEEK: 199143

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TITLE: Hothouse watering system control unit - has **floats** on ends of rocking arm, located inside chambers and connected to control cocks

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PATENT-ASSIGNEE: TRUBOPROVOD ENG CEN[TRUBR]

PRIORITY-DATA: 1989SU-4655619 (February 27, 1989)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
SU 1625446 A	February 7, 1991	N/A	000	N/A

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
SU 1625446A	N/A	1989SU-4655619	February 27, 1989

INT-CL (IPC): **A01G027/00**

ABSTRACTED-PUB-NO: SU 1625446A

BASIC-ABSTRACT:

The hothouse irrigation system automatic control unit consists of a water reservoir (1), a rocking arm (2) supporting a moving weight (4), chambers (7,8) with throttles (9,10), and pipes (11) linking them to the reservoir and a distribution pipe (13). The rocking arm is also connected to control cocks (14-17) and by a flexible element (24) to the hothouse cover (22).

The control unit is also equipped with **floats** (5,6) which are mounted on the

ends of the rocking arm and located inside the chambers (7,8), which are set on the same level. The weight located on the rocking arm, is in the form of a body of rotation, while the distribution system for the water is in the form of rigid tubes.

ADVANTAGE - Provides more effective operation, with higher productivity, greater reliability and longer life. Bul. 5/7.2.91

CHOSEN-DRAWING: Dwg.1/3

TITLE-TERMS: HOTHOUSE WATER SYSTEM CONTROL UNIT FLOAT END
ROCK ARM LOCATE
CHAMBER CONNECT CONTROL COCK

DERWENT-CLASS: P13

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N1991-241789

